Ap2

Gl 1

Bu 1

S1/I

S1/II

S1/III

C15 200p 500V

R 8 50

V1 EF85

230 V (300)

60V(300)

M1 1/3

1,3 V (6)

C16 0,025 250V

C18

C19 0,01µ 250V

R3 160K

0,5

C14 250p 250V

C13 500p 250V

C12

C11

R1 500K

R2 250

0,025µ 250V

C17 0,01µ250V

C20 0,025µ 500V

I

C1 20p 250V

C2

L1

C3 20p 250V

C4

L2

C5 50p 250V

C6

L3

C7 80p 250V

C8

L4

C9 115p 500V

C 10

L5

rt

ge

I/5

I/4

I/3

I/2

III/5

III/4

C25

AL1/14

AL1/13

AL 1/12

AL1/10

AL1/9

AL 1/8

C21 0,01µ 250V

R4 200K

C23 0,025µ 400V

0,01µ 500V

R5 2K

0,5

AL1/7

AL1/5

AL1/3

AL1/1

250V(300)

4/AL1/16

2/AL1/9

7/AL1/14

4/AL1/22

6/Bu2/2

4/AL1/13

AL1/2

R7

C4 25000p 250V

R5 80K

R14 100K

C9 300p 500V

0,5 10K

C10 300p 500V

C17 5000p 400V

C18 5000p 400V

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C12, C28, C40, C62, C82 in Gleichlauf.

R 8
230 V (300)
50
C24
200p 500V
6
8
60V (300)
R3
160K
0,5
B
5
C19
0,01µ 250V
25µ 50V
C20
0,025µ 500V
Dr1
rt
R9
1K
12
S1/V
S1/IV
11
5
1
4
3
2
VI/6
VI/5
VI/4
C52
250p 250V
C51
500p 250V
1
S1/VI
S1/VII
V/5
12
6
2
V/4
V/3
5
4
3
C42
250p 250V
C39
C41
500p 250V
C 28
C27
II
R6
60K
0,1
C29
40p
250V
C30
L6
ge
IV/4
V/4
R7
40K
0,1
C31
40p
250V
C 32
L7
ge
IV/3
V/3
C33
250V 70p
C 34
L8
ge
C36
C35
250V 80p
L9
ge
rt
C38
C37
500V 140p
L 10
ge
rt
III
C43
90p 250V
C 44
L11
rt
ge
C45
140p 500V
C 46
L12
rt
ge
C25
/10
AL1/9
AL 1/8
C23
0,025µ 400V
0,01µ 500V
R5
0,5
2k
/3
AL1/1
250V(300)
6/Bu2/2
4/AL1/13
AL1/2
1/AL1/5
AL2/11
2/AL1/11
2/AL1/14
2/AL1/13
Lt 1
ein
aus
Lt
2/Al 1/1
AL1/6
AL 10
AL1/8
AL1/3
AL1/2
AL/1
C17 5000p 400V
C18 5000p 400V
R12 HF -Lautstärke
10K neg. logar.
S2
1
2
3
4
R9
10
R3
5
C2
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225 V(300)

V2
EF85

C47
200p
500V

47V(300)

M2
1,3V

C49

R12
250

0,025µ
250V

C50

0,025µ
250V

R23
50

S1/VI

S1/VII

C42
250p
250V

C39

C40

R10
500K

C41
500p 250V

C48
0,01µ
250V

C60
0,01µ
250V

R11
200K

R13
160K

C26
0,01µ
500V

C43
90p 250V

C 44

C45
140p 500V

C 46

S1/IX

S1/VIII

IV

L13

R14
60K

C63
40p

C64

L14

R15
40K

C65
40p

C 66

C53
500p
250V

L15

C67
70p

C 68

L16

C69
80p

C 70

L17

C71
130p

C 72

AL2/6

C84
0,05µ
250V

Lt 1

ein
aus
Lt

S2

R3
5

2/Al 1/1

2/Al 1/2

Kopfhörer

Bu1

Bu2

AL1/3

AL1/2

AL/1/1

AL/1/7

AL2/13

AL2/14

AL1/6

AL1/18

NF-Pegel

S-Meter

2/AL1/12
5/Al1/1

6/Bu1
5/AL1/2

7/AL2/14
5/AL1/8

AL1/3

AL1/13

AL 2/6

AL 1/14

V3 ECH81 225V (300)

C55 1000p 500V

C85 1248p
C86 2816p
C87 6778p
C88 230p
} 500V

C74 200p 500V

C76 0,1µ 250V

R19 50

57V (300)

8 110 (300)

C83

S1/XI

S1/VIII

12

250p 250V

C54

C62

R16 100K

M3 1,2V (6)

R21 100

C80 200p 300V

R18 50K

C78 0,025µ 250V

C81 245p 500V

C82

C107

C61

C73 50p 500V

R17 125

C77 0,1µ 250V

C75 0,025µ 500V

R25 0,5 2,7K

C53 500p 250V

C22 0,1µ 400V

VIII/4

VIII/3

C64

C66

C68

C70

C72

S1/XI

2h
1h
12h
11h
10h
3h

S1/XI

9h
8h
7h
6h
5h
4v
3h

4v

V

C89 — C90 500V 35p L18 ge rt

XI/8h — C91 — C92 500V 35p L19 ge rt

XI/7h — C93 — C94 500V 65p L20 ge rt

XI/6h — C95 — C96 500V 75p L21 ge rt

XI/5h — C97 — C98 500V 175p L22 ge rt

1 HF-Teil
52.1030.000-00 Sa

AL2/6 — C84 0,05µ 250V — 1 — R22 30K — AL2/2 — 150 V (300) — AL 2/5

4/AL1/9 — 2/AL1/7

AL2/4 — 4/AL1/22 — C79 0,025µ 250V — AL2/8

7/AL2/4 — 5/AL1/8

AL 1/14 — AL1/19 — AL1/7

4Ω Bu1

Ltg 600Ω Bu2

5/AL1/6 — 6/R1

5/AL1/5 — 1/AL1/3 (besteht = 2/AR1/11)

1/AL2/4 — 2/AL1/10

AL1 10 — AL1 16 — AL1 22

230V (300)

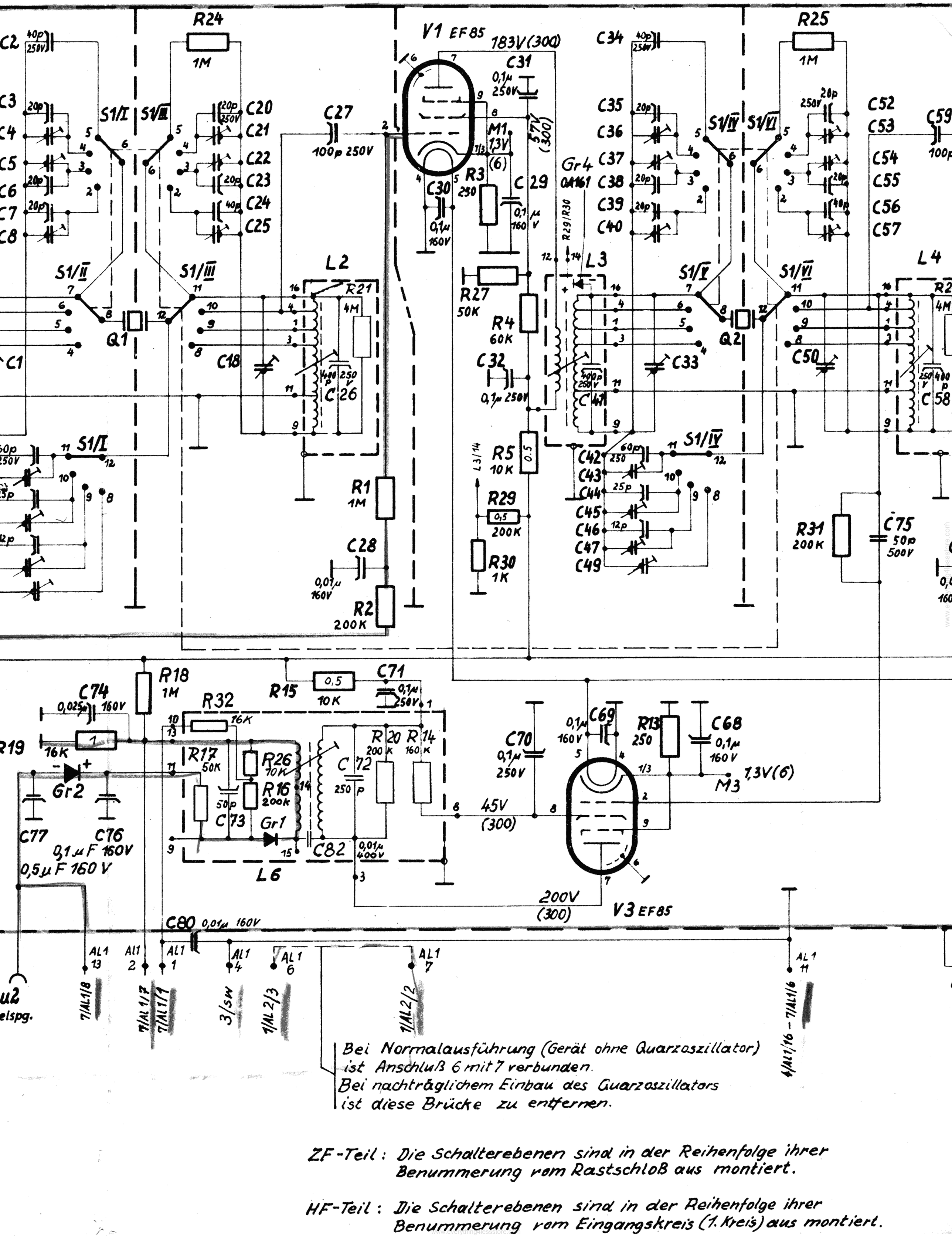
Tr2

V1 EL84

Heizkreis I

Heizkr. II

St 1
Bu1
C100
200p 500V
Ap1
nach Rs1/1
C102
S1/XI
S1/X
4v
9h
3h
5h
6h
7h
8h
9h
4v
V
C 89
C90
500V 35p
L18
ge
rt
X/7h
C99
0,01µ 250V
C 91
C92
500V 35p
L19
X/8h
R24
30
0,1
R20
5K
C 93
C94
500V 65p
L20
C 95
C96
500V 75p
L21
X/6h
C 97
C98
500V 115p
L22
X/5h
Al 2/7
C101
0,05µ
250V
150V (300)
AL2/3
2/AL1/6
0Ω
2
5/AL1/6
6/R1
5/AL1/5 – 1/AL1/7
Gestell – 2/AL1/11
1/AL2/4
2/AL1/10
6/Bu2/1
2/AL1/12 – 7/AL1/11
5/AL1/9
1/AL2/2
AL1 10
AL1 16
AL1 22
AL1 21
AL1/y
+ 250V (300)
+150V
stab.
(300)
Heizkreis I
Heizkr. II
Gr3
OA 150
C2
40p 250V
C3
20p
C4
C5
C6
20p
C7
20p
C8
S1/I
S1/II
S1/III
S1/IV
R24
1M
20p 250V
20p
40p
C18
12
L1
16
4
1
3
11
9
100p 500V
C 9
C1
Q1
10
C10
60p 250V
C11
C12
25p
C13
C14
12p
C15
C16
14
8
C19
1µ 350V
R28
1K
R23
10K
0,5
R18
1M
C74
0,025µ 160V
R19
16K
1
R32
16K
R17
50K
50p
C73
Gr2
C77
C76
0,1µF 160V
0,5µF 160V
C80 0,01µ 160
C78
0,1µ
400V
AL1 12
AL1 5
AL1 9
AL1 13
AL1 2
AL1 1
AL1 4
250V
(300)
4/AL1/21
3/rt
1/AL1/5
Bu2
Regelspg.
7/AL1/8
7/AL1/7
7/AL1/1
3/sw

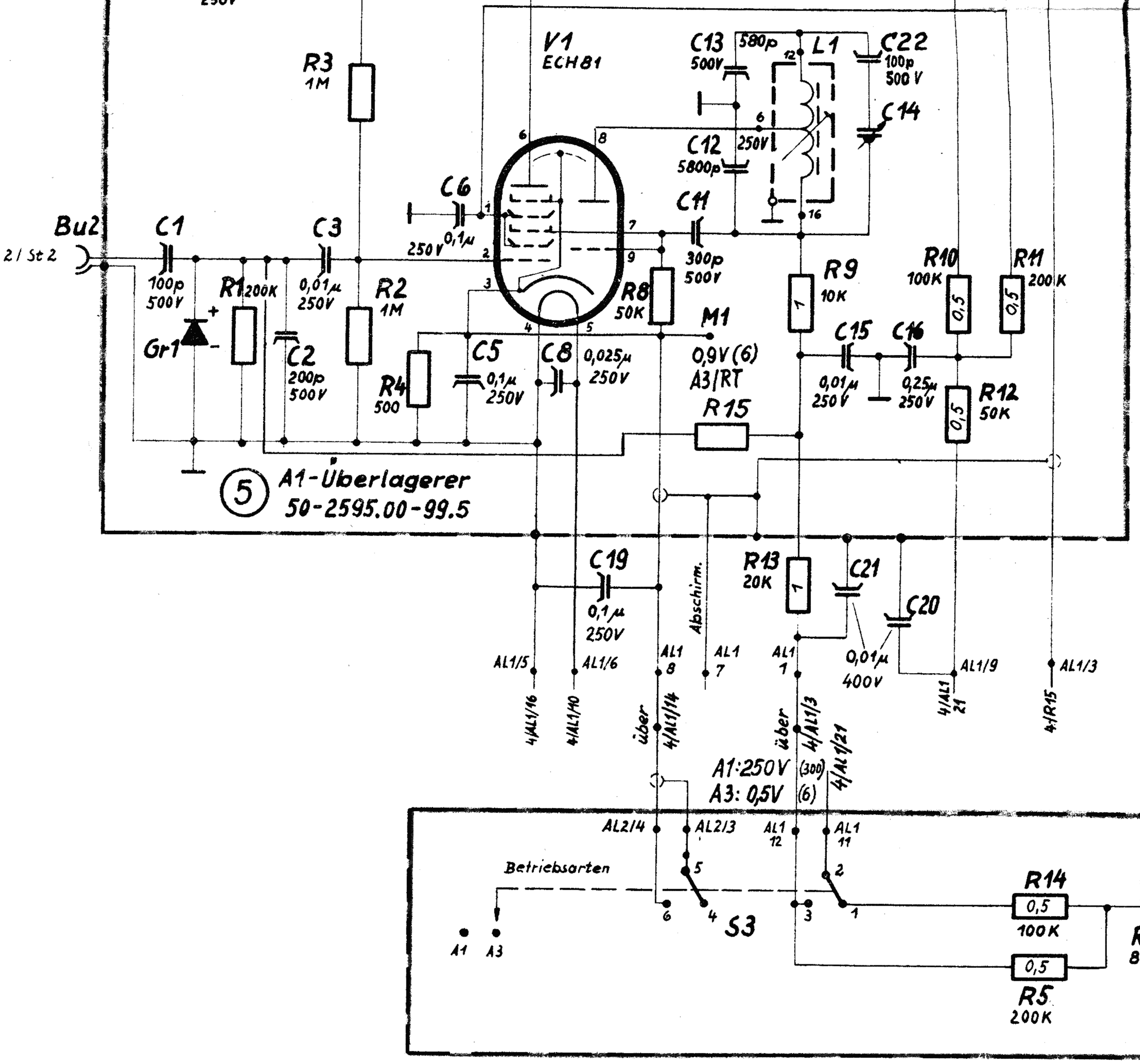


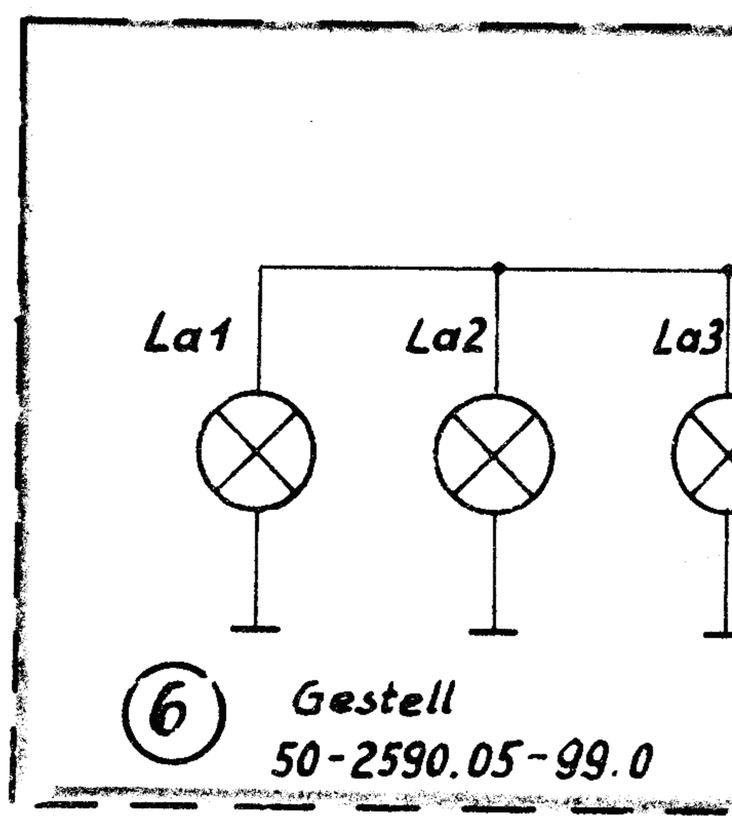
Bei Normalausführung (Gerät ohne Quarzoszillator) ist Anschluß 6 mit 7 verbunden.
Bei nachträglichem Einbau des Quarzoszillators ist diese Brücke zu entfernen.

ZF-Teil: Die Schalterebenen sind in der Reihenfolge ihrer Benummerung vom Rastschloß aus montiert.

HF-Teil: Die Schalterebenen sind in der Reihenfolge ihrer Benummerung vom Eingangskreis (1. Kreis) aus montiert.

R25
1M
V2 EF85
190V(300)
C64
0,1µ
250V
C52
C53
C59
100p 250V
M2
7,3V
45V
(300)
(6)
C54
C55
C56
C57
C63
0,1µ
160V
R8
250
C60
0,1µ
160V
L5
L4
S1/I
S1/II
S1/III
S1/IV
S1/V
S1/VI
Q2
C33
C50
R22
4M
C58
0,01µF
400V
C79
R9
160K
80p
250V
C67
C66
0,01µF
160V
100K
R10
C65
0,1µ
250V
R12
10K
R6
1M
R31
200K
C75
50p
500V
C61
0,01µ
160V
R7
200K
RH
100
R13
250
C68
0,1µ
160V
7,3V(6)
M3
V3 EF85
2 ZF-Teil
50-2591.00-99.5
C62
0,01µ
160V
AL1
11
AL1
14
AL1
10
AL1
3
St2
Bu3
ZF
4/AL1/16 – 7/AL1/6
7/AL1/10
4/AL1/22
3/AL1/SW
3/Bu2
ohne Quarzoszillator)
Quarzoszillators
n.
nd in der Reihenfolge ihrer
stschloß aus montiert.
nd in der Reihenfolge ihrer
ngangskreis (1. Kreis) aus montiert.





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C2
25µF 70V
R17
0,5
40K
R16
0,5
10K
R7
0,5
100K
R6
400K
0,5
3
1
6
4
2
5
Regelung
Hand
Autom.
S4
R10
00K
R11
200K
0,5
0,5
R12
50K
0,5
25µ
50V
Verst.-
Angleich
C4
50µ
12V
R11
500
0...2,5V
C3
0,025µ
160V
ç20
AL1/9
AL1/3
4/AL1
21
4/R15
2
S5
Begrenzer
ein
aus
R14
0,5
100K
0,5
R5
200K
Gr2
C5
1
3
0,1µ 250V
R15
8K
0,5
OA150
Gr3
Frontplatte mit Frontplatten-Chassis
50-2590.15-99.5
7
Al 1
R1
2
1
4/AL1/10
4/AL1/16
4/AL1/21
1/AL1/1
4/AL1/13
La2
La3
La4
St1
1
2
Bu2
Bu1
Gestell
50-2590.05-99.0

R7 0,5 100K

R6 400K 0,5

S1

J1

C1 0,01µ 250V

GA1

AL1/4

AL1/5

AL2/10

AL1/5

AL1/17

AL1/20

Diversity-Angleich

2,5 V (30)

R4 0,5 6K

AL2/12

AL1/8

R15 100K

R14 NF-Lautst. 500K

5/AL1/3

AL2/9

AL1/2

AL1/15

AL2/3

Tr 1

C3 0,01µ 1000V

C4 0,01µ 1000V

S2

Si 1

S1

110V

125V

150V

220V

240V

Netzeingang St 1

AL1/4

-21 V (120)

C1 0,01µ 250V

R3 50K

M2 4V(6)

R2 1M

R4 100

C8 50µ 12V

ntplatten-Chassis .5

Al 1/9

Widerstände ¼ W

(3)

(2

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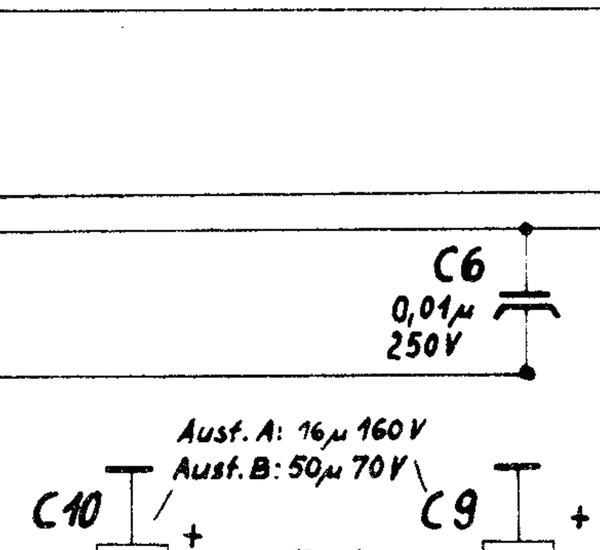
R3
50K
M2
4V(6)
R5
0,5
100
C2
1µ 250V
140V
(300)
R6
1
25K
R8
0,5
800
Tr2/9
R4
100
0,5
C8
50 µ
12 V
8
10
11
12
3
2
9
4
5

F-Lautst.

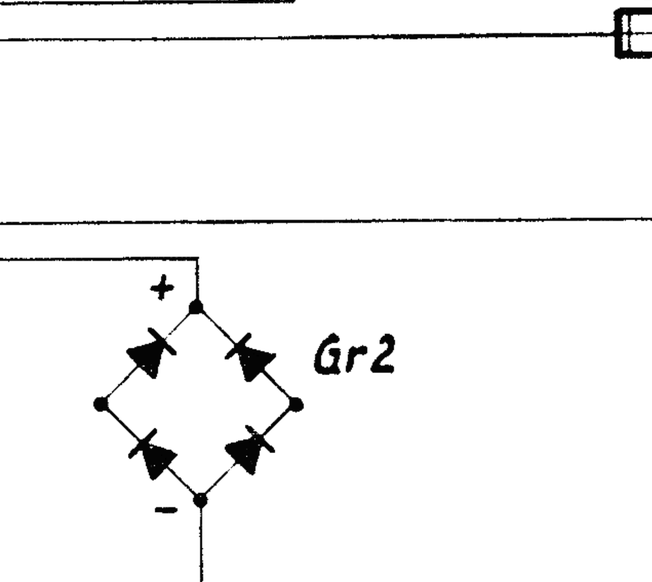
R12
6K
0,5
Ausf. A : 50µ 100V
Ausf. B : 50µ 70V
C13
Tr 1
Gr 3
C7
0,01µ
250V
Si 2
Gr 1
Dr 1
C5
0,01µ
1000V
C11
Ausf. A : 16µ 350V
Ausf. B : 50µ 350V
C12
C6
0,01µ
250V
Gr 2
Ausf. A: 16µ 160V
Ausf. B: 50µ 70V
C10
C9
R11
0,5
10K

Widerstände 1/4 W

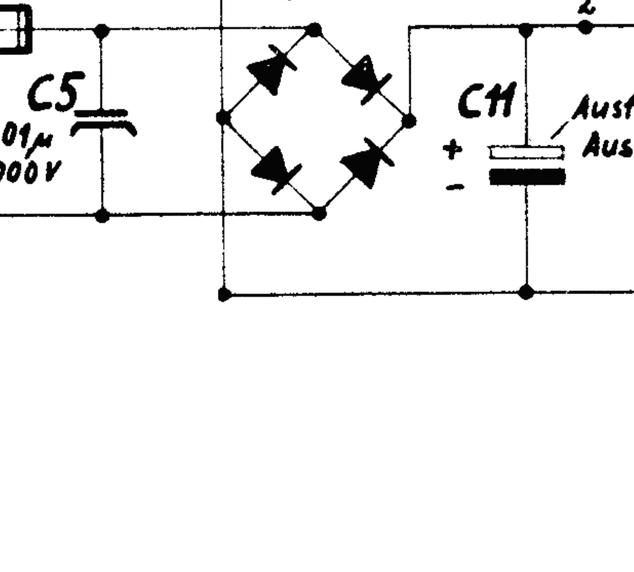
EF 85



ECH 81



EL 84



(4) Netz- u. NF-Teil
50-2594.00-99.5

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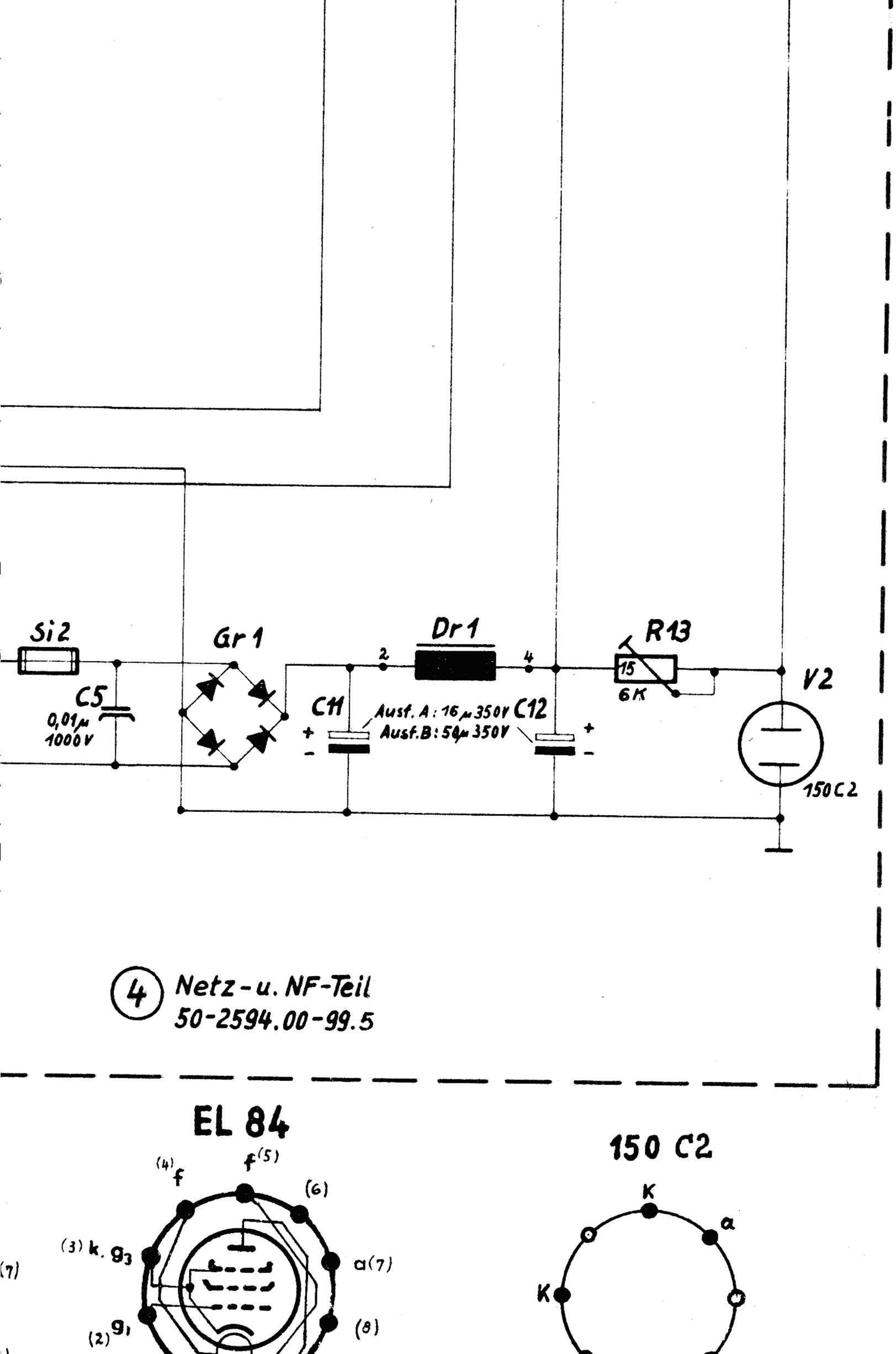
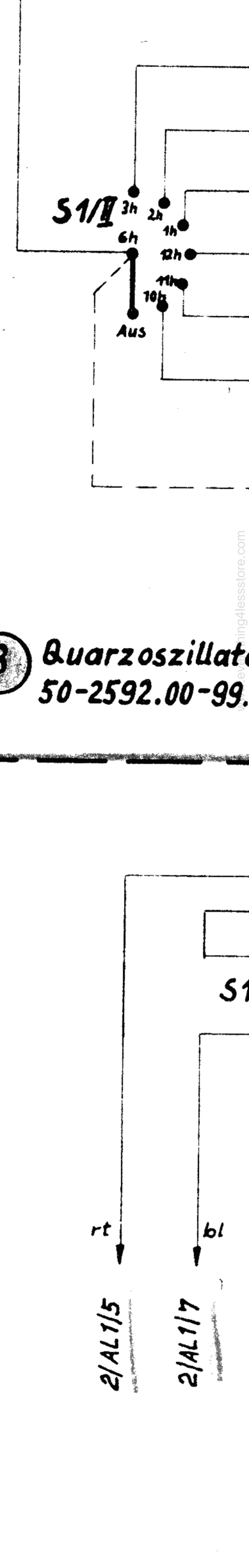
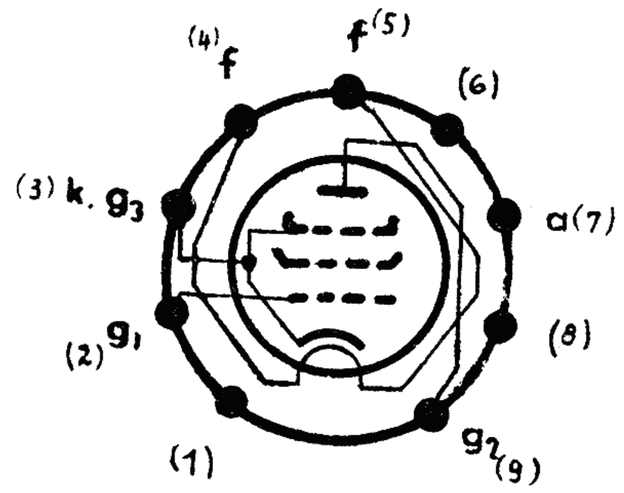


4 Netz-u. NF-Teil
50-2594.00-99.5

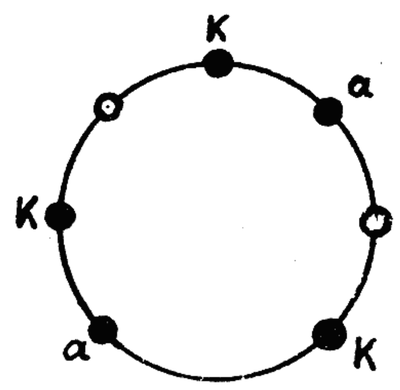


3 Quarzoszillat
50-2592.00-99.

EL 84



150 C2



2/AL1/5

2/AL1/7

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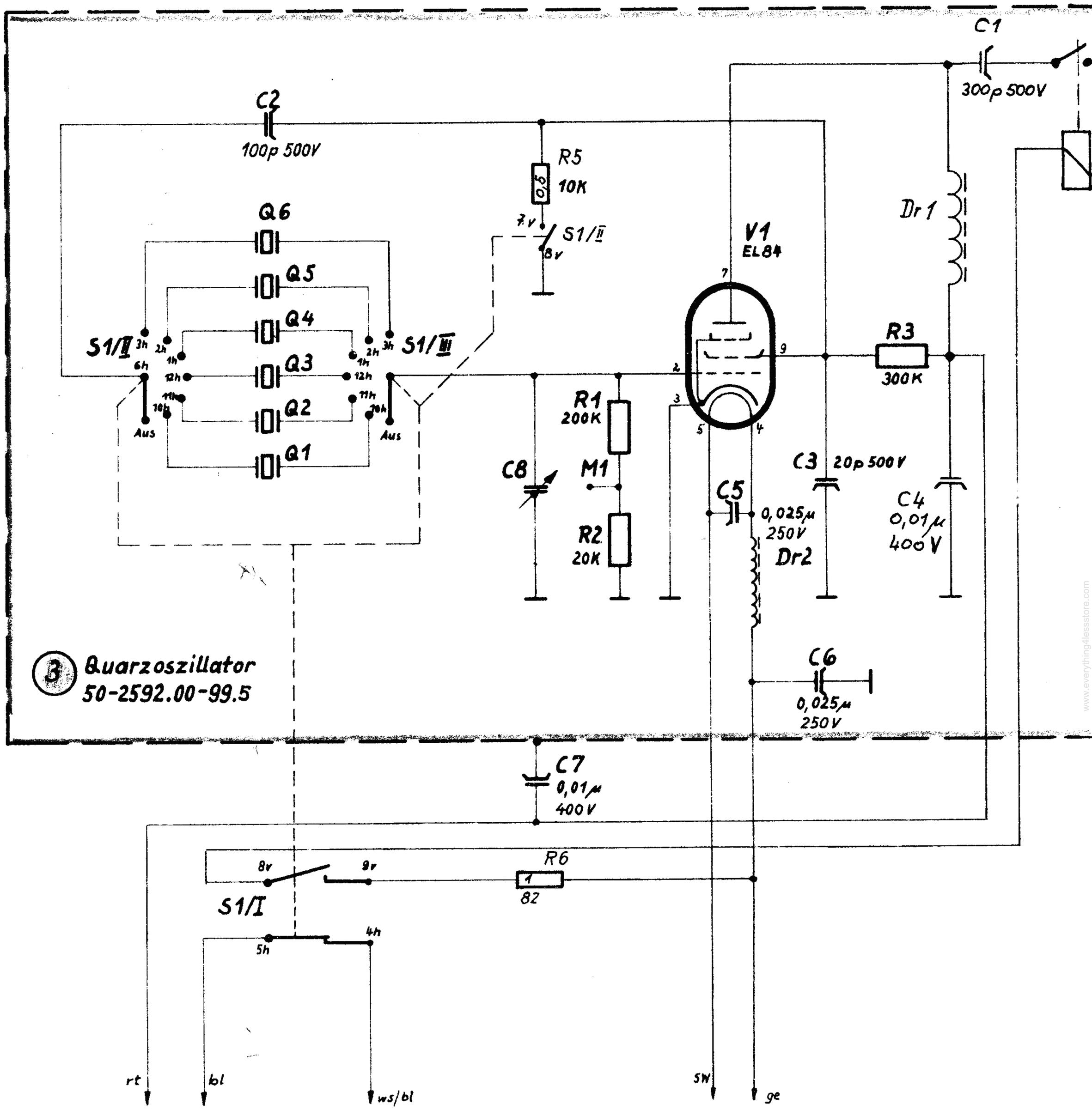

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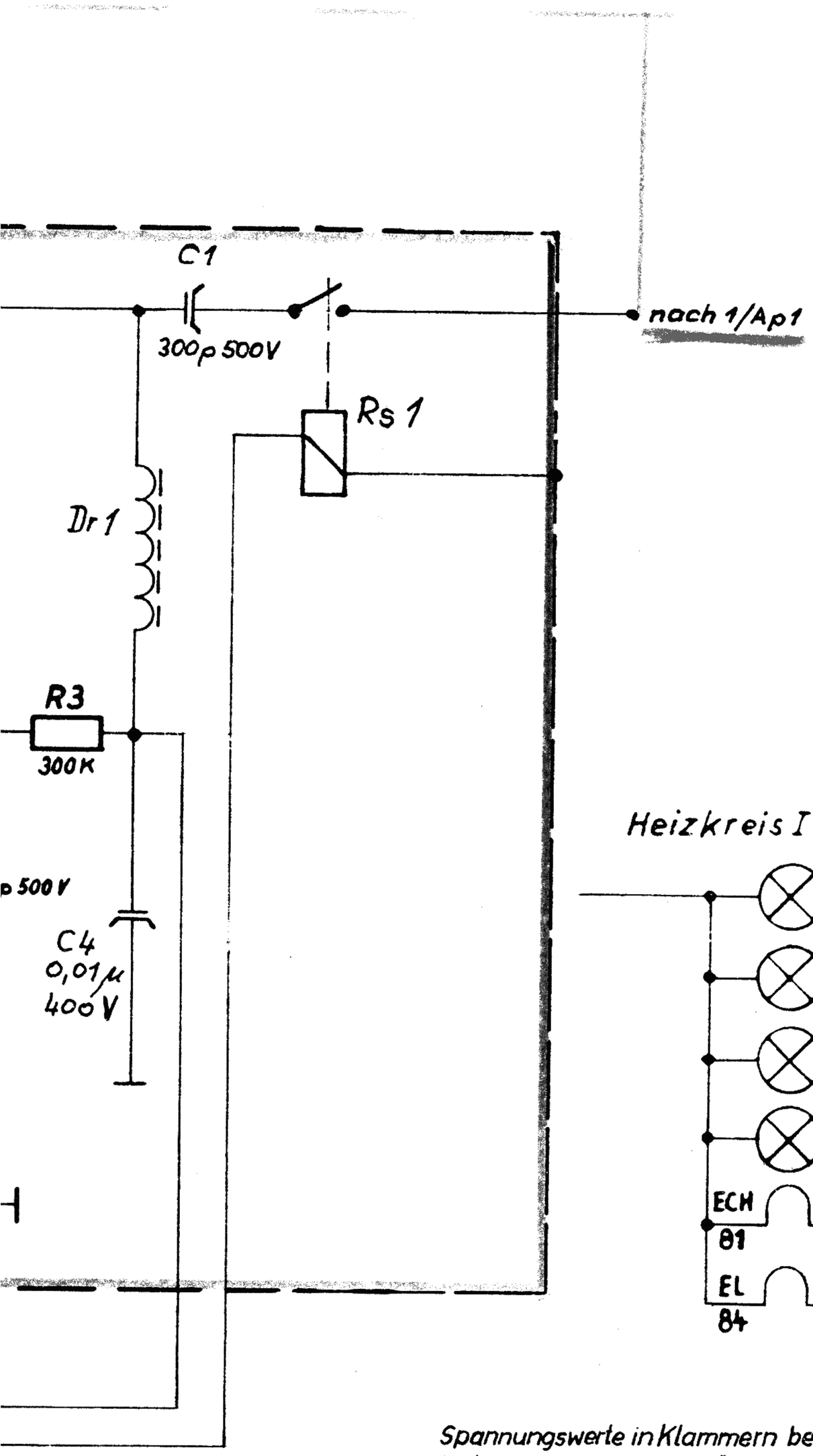

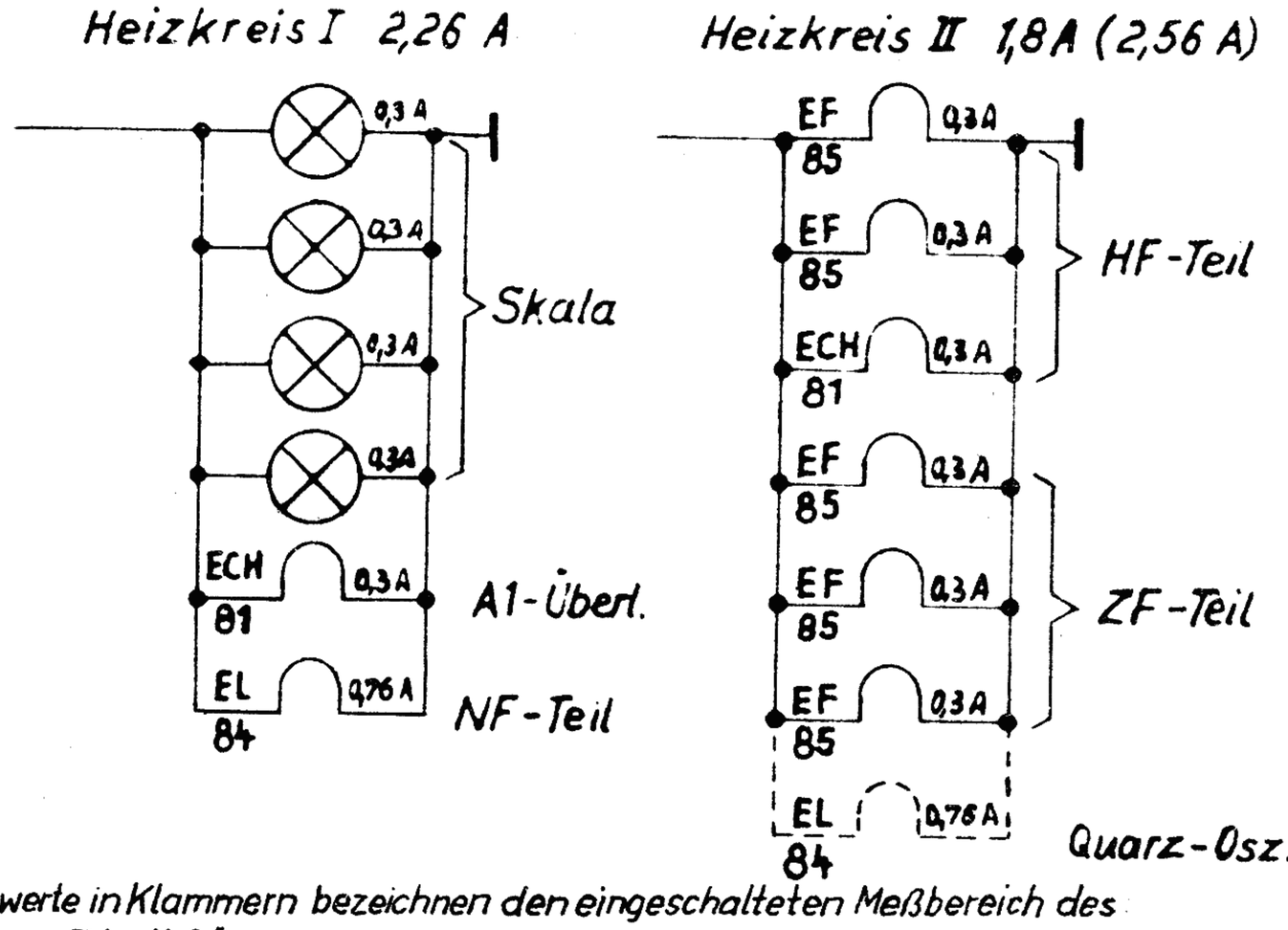

Spannungswerte in Klammern bezeichnen den eingeschalteten Meßbereich des Instrumentes „Trivolt G"

Hierzu: Gesamt-Prüfvorschrift	50 - 2590.00	-01.7	u. E-Liste:	—
Gestell-Bauschaltplan	50 - 2590.05	-99.0	u. "	:50-2590.05-99.5
ZF-Teil-Prüfvorschrift	50 - 2591.00	-02.7	"	:50-2591.00-99.5
Quarz-Oszillator "	50 - 2592.00	-01.7	"	:50-2592.00-99.5
HF-Teil "	52 - 1030.000	-01 Pv	"	:52.1030.000-00 Sa
Netz-u. NF-Teil "	50 - 2594.00	-01.7	"	:50-2594.00-99.5
A1-Überlagerer "	50 - 2595.00	-01.7	"	:50-2595.00-99.5
Gesamt — Blockschaltbild	50 - 2590.00	-99.0	Bl. 1	
" — Regelschema	50 - 2590.00	-99.0	Bl 2	

Empfänger E 127 Kw/4

Regelschema

Zchg. Nr. **50-2590.00-99.0** Bl. 4

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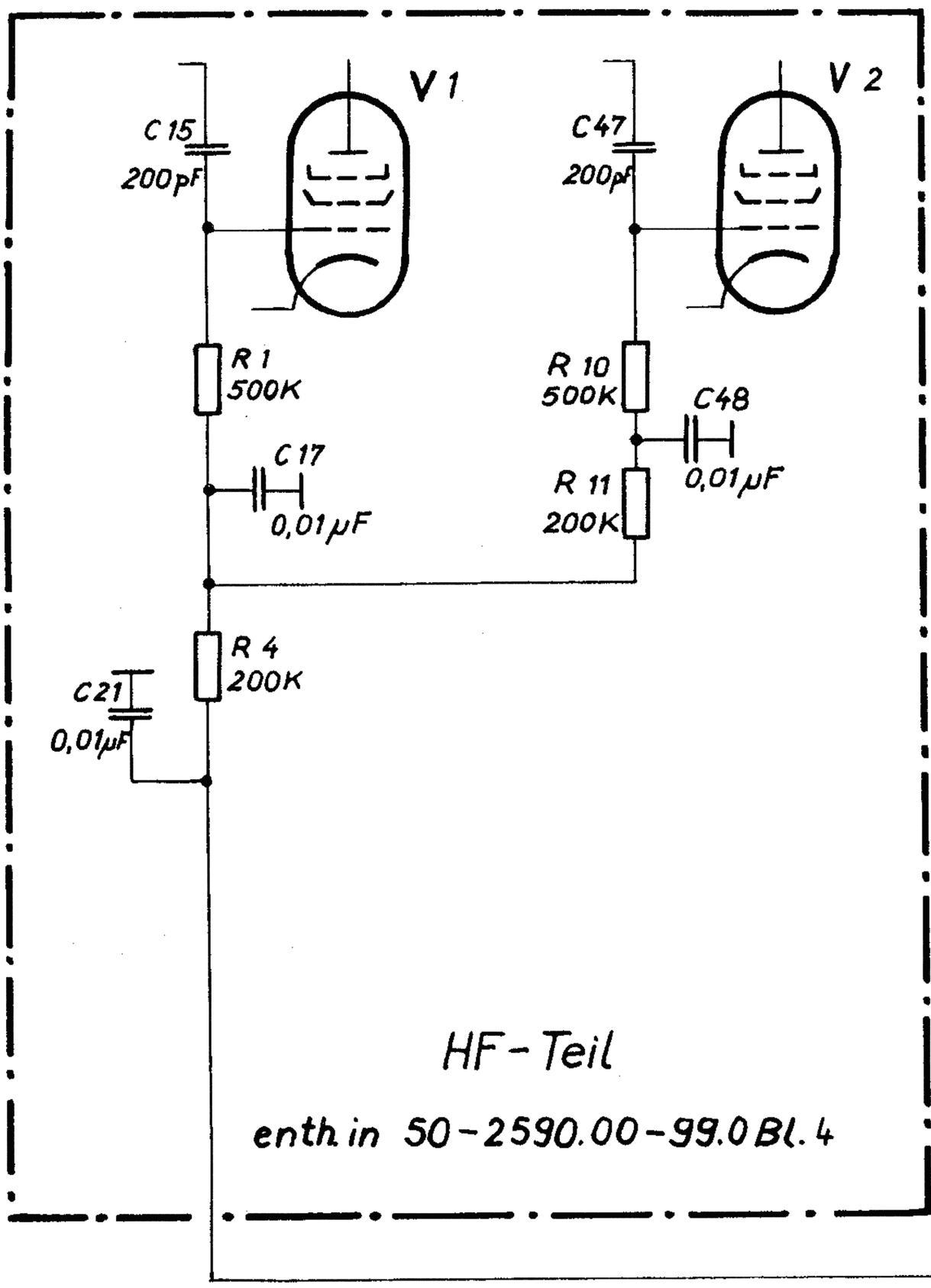
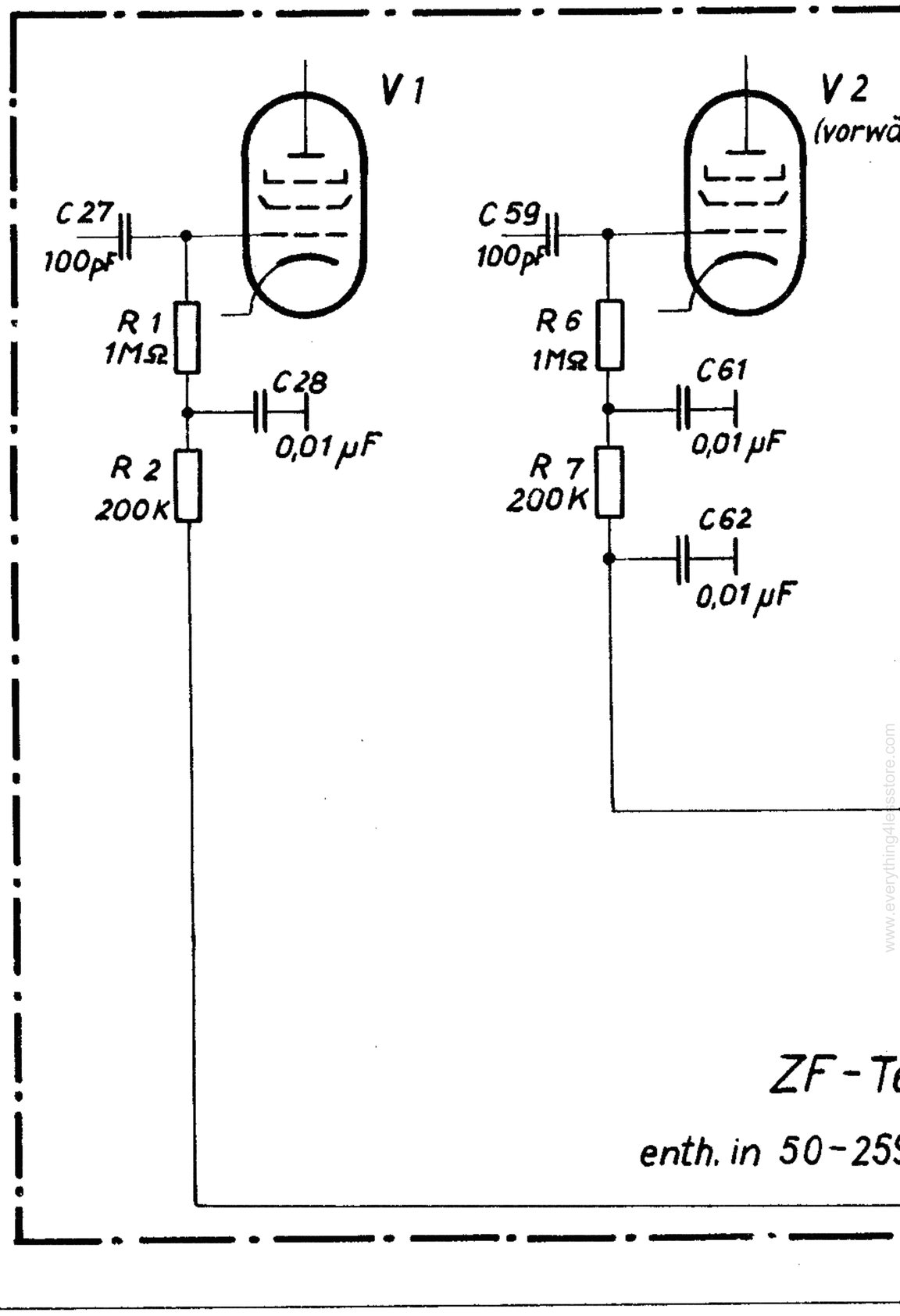


HF - Teil

enth. in 50-2590.00-99.0 Bl. 4



ZF - Te

enth. in 50-259

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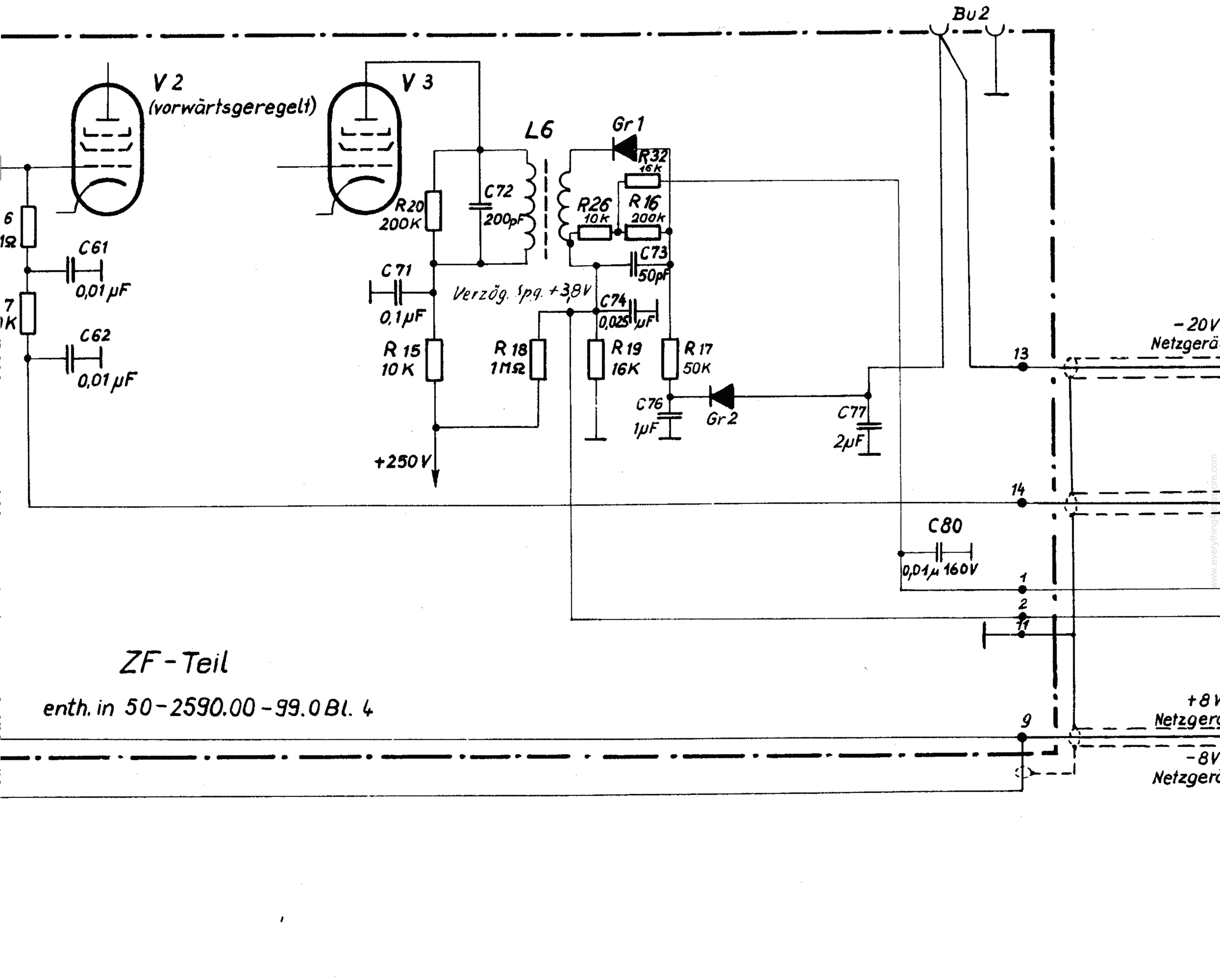

ZF-Teil

enth. in 50-2590.00-99.0 Bl. 4

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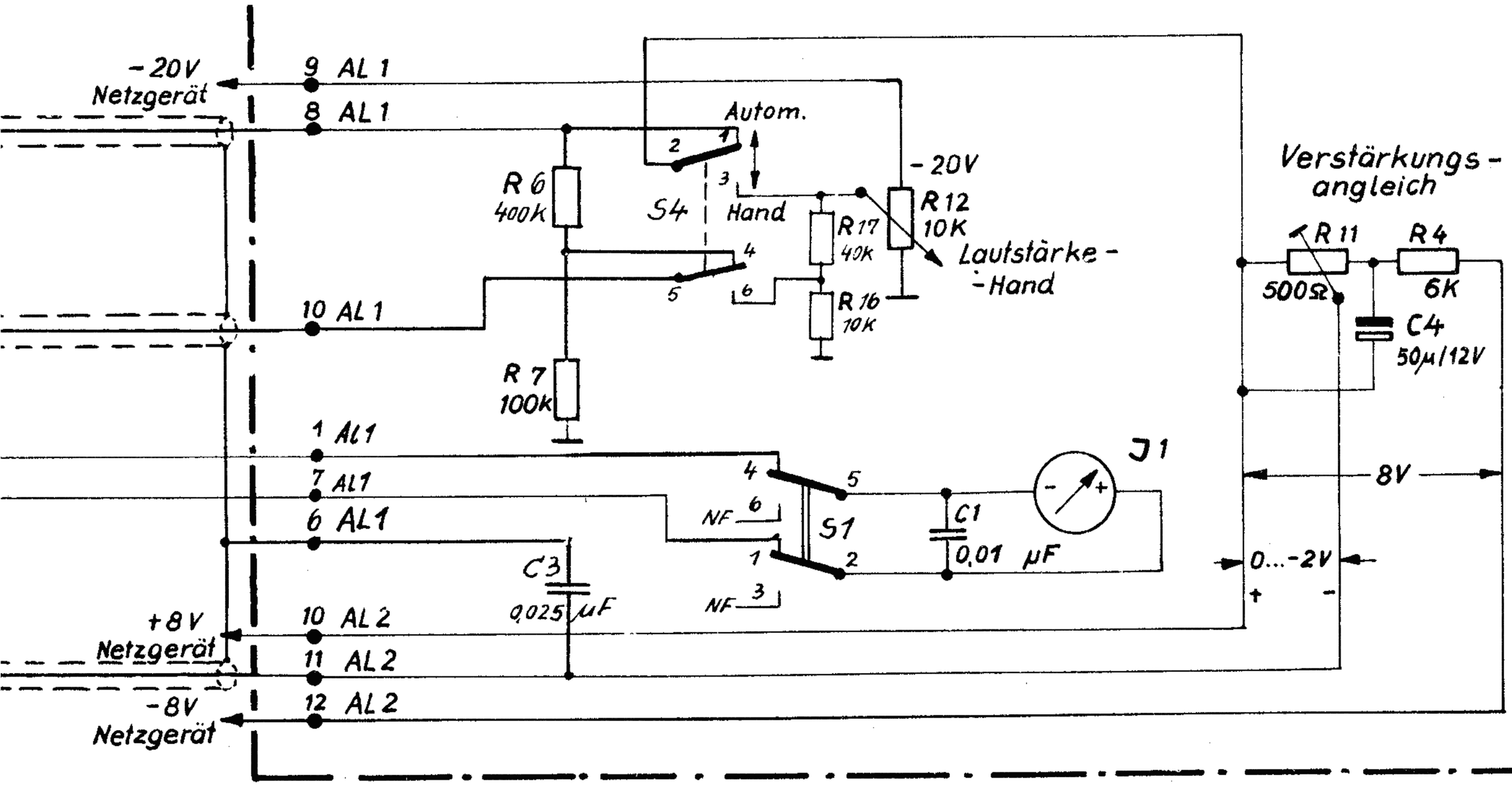
Frontplatte

enth. in 50-2590.00-99.0 Bl. 4



Hierzu Blockschaltbild Blatt 1

Hierzu Hauptschaltbild Blatt 4

Empfänger E 127 Kw/4

Regelschema

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